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CATALOGUE OF GRADUATES

OF THE

LAWRENCE SCIENTIFIC SCHOOL

OF

HARVARD UNIVERSITY



1851-1895

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OF THE
LAWRENCE SCIENTIFIC SCHOOL
OF
HARVARD UNIVERSITY



1851-1895

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1895

Gift

F. W. Clarke

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LIST OF GRADUATES.

The departments of study are indicated by Roman numerals, as follows : —

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| I. Civil Engineering. | VIII. Geology. |
| II. Electrical Engineering. | IX. Botany and Zoölogy. |
| III. Mechanical Engineering. | X. Zoölogy. |
| IV. Mining Engineering. | XI. Botany. |
| V. Architecture. | XII. Natural History. |
| VI. Mathematics. | XIII. General Science. |
| VII. Chemistry. | XIV. Science for Teachers. |
| XV. Anatomy, Physiology and Physical Training. | |

* Deceased.

1851.

Name and Address.	Department.	Occupation.
WILLIAM LOUIS JONES, Athens, Ga.	VIII.	Professor of Geology, Univ. of Georgia.
JOSEPH LE CONTE, Berkeley, Cal.	VIII.	Professor of Geology and Natural History, Univ. of California.
JOHN DANIEL RUNKLE, Brookline, Mass.		Professor of Mathematics, Mass. Inst. of Tech.
DAVID AMES WELLS, Norwich, Conn.	VIII.	Economist.

1852.

*FRANCIS HOLYOKE, *1856.	VII.
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1853.

GUSTAVUS HAY, 383 Marlborough St., Boston, Mass.	I. Oculist.
*ISAAC SMITH HOMANS, *1879.	I.
*RICHMOND JONES, *1856.	I.
CHARLES LAWRENCE PEIRSON, 191 Commonwealth Ave., Boston, Mass.	I. Merchant.

1854.

Name and Address.	Department.	Occupation.
JAMES AUGUSTUS BATE,	I.	
WILLIAM AUGUSTUS BREWER, Jr. P. O. Box 774, New York, N. Y.	I.	President of Washington Life Ins. Co.
*HENRY JAMES CLARK, *1873.	VIII.	Asst. Professor of Zoölogy, Har- vard Univ.
THOMAS EDWARDS CLARK,	VIII.	
ANDREW MCFARLAND DAVIS, 10 Appleton St., Cambridge, Mass.	I.	Historian.
JOSIAH FOSTER FLAGG, Care Amer. Society of Civil Eng., 127 East 23d St., New York, N. Y.	I.	Civil Engineer.
CHARLES HENRY HUDSON, Washington, D. C.	I.	Chief Engineer of Southern Rail- way.
NATHANIEL MANSFIELD,	I.	
EBENEZER MARSH, Alton, Ill.	VII.	Druggist.
JOHN MANLEY RICHARDSON, Bowdon, Ga.	I.	President of Bowdon Coll., Ga.
JOSEPH WHITE SPRAGUE,	I.	
*SHARON TYNDALE, *1871.	I.	Civil Engineer; Secretary of State, Illinois.

1855.

GEORGE CHAPMAN CALDWELL, Ithaca, N. Y.	VII.	Professor of Chemistry, Cornell Univ.
*EDWARD LEGGETT FORCE, *1863.	I.	
*HENRY CLAY FORCE, *1874.	I.	
CLARENCE GORDON, Newburgh, N. Y.		Resident Manager, East Side House, New York.
JOHN GAILLARD GOURDIN, Charleston, S. C.	I.	
*ISAAC AUGUSTUS HAGAR, *1870.	I.	
CHARLES SAVAGE HOMER, 57 Broadway, New York, N. Y.	VII.	Vice-President of Valentine Co. Varnish Manufacturers.
WILLIAM LEIGHTON, Jr. Concord, Mass.	I.	
GEORGE ALBERT MARINER, 81 S. Clark St., Chicago, Ill.	VII.	Chemist.

Name and Address.	Department.	Occupation.
*JOHN BRAINARD G. RAND, *1878.	I.	
*SIMEON BLOOD SMITH, *1881.	I.	
FRANCIS HUMPHREYS STORER, 476 Boylston St., Boston, Mass.	VII.	Professor of Agricultural Chem- istry, Harvard Univ.
*HAMILTON ELA TOWLE, *1881.	I.	
DAVID KICHELL TUTTLE, U. S. Mint, Philadelphia, Pa.	VII.	Melter and Refiner.
*CYRUS MORES WARREN, *1891.	VII.	
1856.		
*FREDERICK WILLIAM BARDWELL, *1878.	I.	
JOSÉ FRANCISCO CARRET, 6 Appian Way, Cambridge, Mass.	I.	Curator, Boston Public Library.
CHARLES AUGUSTUS CHAPMAN, Mankato, Minn.	I.	Real Estate and Insurance.
JOSEPH CHARLES FELT CHEEVER, *JOSEPH BRIDGMAN CURTIS, *1862.	VII.	
JAMES INGRAHAM DAVIES, JOHN GREEN, 2670 Washington Ave., St. Louis, Mo.	I. VII.	Oculist.
EDWIN HARRISON, 3747 Westminister Pl., St. Louis, Mo.	I.	Mining Engineer.
CHARLES FREDERICK LIVERMORE, Detroit, Mich.	VII.	Accountant, Detroit & Mackinac Railway Co.
*ABEL CAMP MARTIN, *1879.	I.	Architect.
*CHARLES EDWARDS POWERS, *1892.	VII.	President of Consolidated Street Railway Co., Boston, Mass.
*EDMUND QUINCY, *1894.	I.	Architect.
*JOHN MONCURE ROBINSON, *1893.	I.	
WILLIAM ROBERT WARE, New York, N. Y.	I.	Professor of Architecture, Colum- bia Coll.
JAMES THOMAS WATKINS,	I.	

1857.

Name and Address.	Department.	Occupation.
ALEXANDER AGASSIZ, 36 Quincy St., Cambridge, Mass.	I.	Curator, Museum of Comparative Zoölogy, Harvard Univ.
*OTIS MARSH BREWER, *1866.	VII.	
*LEVI MOHLER DORNBACH, *1862.	VII.	Chemist, U. S. War Dept.
GEORGE WILLIAM WEBSTER DOVE, Andover, Mass.	I.	Manufacturer.
*JOHN BUMSTEAD FESSENDEN, *1862.	VII.	
EDWIN AUGUSTUS FORD,	I.	
WALTER SIMONDS FRANKLIN, 24 Mt. Vernon Pl. East, Baltimore, Md.	I.	President Baltimore City Passenger Railway.
JAMES ELLISON MILLS, 2106 Van Ness Ave., San Francisco, Cal.	X.	Mining Expert.
*JOHN ALBERT MORRIS, *1895.	VII.	
*WALLACE ST. CROIX REDMAN, *1888.	I.	
ANSON PARSONS STEPHENS, 41 Dey St., New York.	I.	Civil Engineer.
FREDERICK EATON STIMPSON, 1231 Tennessee St., Lawrence, Kans.	I.	
*SAMUEL NOBLE SWAIM, *1859.	I.	
JOSEPH VEAZIE, P. O. Box 209, Boston, Mass.	I.	Civil Engineer.
WILLIAM WATSON, 107 Marlborough St., Boston, Mass.	I.	Cor. Secretary of American Academy of Science.

1858.

AQUILA ADAMS,	I.	
LOUIS ARNOLD, Park St., W. Roxbury, Mass.	I.	Mechanical Engineer.
CHARLES WINTHROP BABBIT, Natchez, Miss.	I.	City and County Surveyor.
JAMES MASON CRAFTS, 59 Marlborough St., Boston, Mass.	VII.	Professor of Chemistry, Mass. Inst. of Tech.
JOSÉ EULOGIO DELGADO, Lima, Peru.	I.	Chief Engineer, Oriental R. R. Co.

LIST OF GRADUATES.

7

Name and Address.	Department.	Occupation.
*FRANCISCO WELD EVANS, *1867.	I.	
JOHN SCRIBNER JENNESS,	VII.	
THEODORE LYMAN, Brookline, Mass.	X.	Zoölogist.
CHARLES FESSENDEN MORSE, Kansas City, Mo.	I.	President of Street Railway Co.
SIMON NEWCOMB, 1620 P St., Washington, D. C.	VI.	Superintendent of Nautical Almanac, Naval Observatory.
JOSEPH HENRY OSGOOD, 100 Milk St., Boston.	VII.	Manufacturer.
FRANK WHIPPLE PRESTON, New Ipswich, N. H.	I.	Teacher of Mathematics, Appleton Academy.
DAVID SMITH, Washington, D. C.	I.	Chief Engineer, U. S. N.
WILLIAM WATSON, 107 Marlborough St., Boston, Mass.	VI.	Cor. Secretary of American Academy of Science.
CHARLES GILBERT WHEELER, 143 Lake St., Chicago, Ill.	VII.	Professor of Chemistry, Chicago Coll. Pharm.
1859.		
DAVID MOORE BALCH, Coronado, Cal.	VII.	
CALVIN CHOATE,	I.	
*FRANCIS PARKMAN DENNY, *1871.	VII.	
*GEORGE EASTWOOD, *1886.	I.	
*ALBERT GOULD, *1874.	VII.	
JOSEPH DUDLEY GOULD, Billerica, Mass.	VII.	Chemist.
WILLIAM PITT-PREBLE LONGFELLOW, 18 Huntington Ave., Boston, Mass.	I.	Architect.
*JOHN MUDGE MERRICK, *1879.	VII.	Chemist.
WILLIAM LEE WELLMAN,	I.	
1860.		
*DANIEL CADY EATON, *1895.	XI.	Professor of Botany, Yale Univ.
CLEMENS HERSCHEL, 2 Wall St., New York, N. Y.	I.	Civil Engineer.

Name and Address.	Department.	Occupation.
HERBERT EAGER JOHNSON, Walla Walla, Wash.	I.	Banker.
GEORGE ABBOTT OSBORNE, 11 Beacon St., Boston, Mass.	I.	Professor of Mathematics, Mass. Inst. of Tech.
*EZRA MARTIN TEBBETS, *1864.	I.	
1861.		
FRANCIS HIGGINSON ATKINS,	VII.	
*GEORGE BROOKS, *1863.	VII.	
ROBERDEAU BUCHANAN, 1216 18th St., Washington, D. C.	I.	Nautical Almanac Office, Naval Observatory.
*PRIMITIVO CASARES Y GALERA, *1866.	I.	Civil Engineer.
JOHN WILLIAMS LANGLEY, Cleveland, O.	VII.	Instructor, Case School of Applied Science.
*CHARLES SEWALL MERRICK, *1866.	VII.	
JOSEPH MOORE, Richmond, Ind.	IX.	Professor of Geology and Botany, Univ. of Indiana.
THOMAS SMITH MOORE, 91 Willow St., Brooklyn, N. Y.	VII.	Lawyer, of Moore, Wallace, & Dudley.
*STEPHEN GEORGE PERKINS, *1862.	I.	
WARREN RAWSON, Cincinnati, O.	I.	Merchant.
CHARLES HERBERT SWAN, Metropolitan Sewerage Commission, Boston, Mass.	I.	Civil Engineer.
1862.		
ALEXANDER AGASSIZ, 36 Quincy St., Cambridge, Mass.	X.	Curator Museum of Comparative Zoölogy, Harvard Univ.
*WILLIAM CHARLES CLEVELAND, *1873.	I.	Professor of —, Cornell Univ.
HUBBARD COOKE,	I.	
GEORGE ARNOLD HINES,	I.	
ALPHEUS HYATT, Francis Ave., Cambridge, Mass.	X.	Curator, Boston Society of Natural History.
GEORGE EVERETT MARSH, Georgetown, Colo.	I.	Mining Engineer.

Name and Address.	Department.	Occupation.
JOHN MINOT RICE, Northborough, Mass.	I.	Professor of Mathematics, U. S. Navy (retired).
ANDREW ROBESON, 53 State St., Boston, Mass.	I.	Manager Safe Deposit Vaults; Treasurer Weston Electric Light Co.
SAMUEL HUBBARD SCUDDER, 156 Brattle St., Cambridge, Mass.	X.	Palaeontologist, U.S. Geol. Survey.
NATHANIEL SOUTHGATE SHALER, 25 Quincy St., Cambridge, Mass.	VIII.	Professor of Geology, Harvard Univ.; Dean of Lawrence Scientific School.
ADDISON EMORY VERRILL, New Haven, Conn.	X.	Professor of Zoölogy, Yale Univ.
BURT GREEN WILDER, Ithaca, N. Y.	X.	Professor of Comparative Anatomy and Zoölogy, Cornell Univ.

1863.

WALTER GREGGS COOLIDGE, 620 Phenix Building, Chicago, Ill.	I.	President Chicago Copper Refining Co.
JOHN HERBERT FISHER,	I.	
JOHN WELLES HUNNEWELL, 87 Milk St., Boston, Mass.	I.	
CHARLES SANDERS PEIRCE, Milford, Pa.	VII.	
JOHN GODDARD STEARNS, 53 State St., Boston, Mass.	I.	Architect.
ROBERT POTE WAIT, Wakefield, Mass.	I.	Architect.

1864.

JOB ABBOTT, 150 Broadway, New York, N. Y.	I.	Civil Engineer.
JOHN MITCHELL ALLEN,	I.	
JOHN GREEN HEYWOOD, Worcester, Mass.	I.	
EDWIN ALONZO HILDRETH, Harvard, Mass.	I.	Manufacturer.
ARTHUR GAYLORD HILL, Florence, Mass.	VII.	President of Whitney Safety Fire Arms Co.
CHARLES ARTHUR HOYT,	VII.	Smelter.
JAMES COSMO NEWBERY, Australia.	VII.	British Civil Service.

Name and Address.	Department.	Occupation.
LOUIS ROBESON, Brookline, Mass.	VII.	Treasurer.
JOSEPH TRIMBLE ROTHROCK, Westchester, Pa.	XI.	Professor of Botany and Lecturer, Penn. Forestry Association.
HARRISON LYMAN WATERMAN, Ottumwa, Ia.	I.	State Senator, and General Mana- ger Wapello Coal Co.

1865.

JULIUS ADAMS, 105 W. Broadway, Boston, Mass.	I.	Lawyer.
CHARLES FOLLEN ATKINSON, 70 Chestnut St., Boston, Mass.	VII.	Cotton Buyer.
WILLIAM JAMES BEAL, Agricultural Coll., Michigan.	XI.	Professor of Botany and Forestry, Agricultural Coll.
CHARLES BIGELOW, HENRY FRANCIS BORDEN, Brockton, Mass.	I.	Physician.
CASIMIR CONSTABLE, Constableville, N. Y.	I.	Manufacturer.
*CHARLES HENRY CONWELL, GEORGE GILBERT DAVIS, North Andover, Mass.	I.	Manufacturer.
PIERRE CHESEMAN DuBOIS, 313 Capp St., San Francisco, Cal.	I.	Mining.
*WALTER NICKERSON HILL, *1884.	VII.	
HENRY WARE HOLLAND, 1363 Tremont St., Boston, Mass.	I.	Lawyer and Real Estate Agent.
CHARLES DUDLEY LAMSON, 33 Pearl St., Worcester, Mass.	I.	President and General Manager of Worcester Gas Co.
ERNEST WADSWORTH LONGFELLOW, WILLARD ATHERTON NICHOLS, Redlands, Cal.	I.	Artist.
EDWARD CHARLES PICKERING, Cambridge, Mass.	I.	Director of Observatory, Harvard Univ.
ALLEN MELANCTHON SUMNER, 76 Commonwealth Ave., Boston, Mass.	VII.	Physician.
JOHN TROWBRIDGE, 58 Linnaean St., Cambridge, Mass.	I.	Director of Physical Laboratory, Harvard Univ.
WILLIAM HOWARD WHITE, Redlands, Cal.	I.	Civil Engineer.

1866.

Name and Address.	Department.	Occupation.
JOHN BUTLER DUNCKLEE, 601 18th St., Washington, D. C.	I.	U. S. Engineer's Office; Civil Engineer.
STEPHEN PASCHALL SHARPLES, 22 Concord Ave., Cambridge, Mass.	VII.	Professor of Chemistry, Boston Dental Coll.

1867.

REGIS CHAUVENET, Golden, Colo.	VII.	President of State School of Mines of Colorado.
FRANK WIGGLESWORTH CLARKE, Washington, D. C.	VII.	U. S. Geol. Survey.
CHARLES BRIGGS COLE, Chester, Ill.	I.	General Manager, W. C. & W. R. R.
CHARLES EDWARD FAXON, Jamaica Plain, Mass.	I.	Instructor, Bussey Inst., Harvard Univ.
CHARLES GORDON, Cleveland, O.	VII.	
STANLEY BARBOUR HILDRETH, 29 Mt. Vernon St., Cambridge, Mass.	I.	Manufacturer.
CHANNING LILLY, 57 Lincoln St., Boston, Mass.	VII.	Merchant.
*HORACE MANN, *1868.	XI.	Botanist. Assistant in Herbarium, Harvard Univ.
CHARLES JARVIS WILLIAMS,	VII.	

1868.

GEORGE IRA ALDEN, 22 Boynton St., Worcester, Mass.	I.	Professor of Mechanics, Worcester Polyt. Inst.
THOMAS SMITH HOWLAND, 710 Sears Building, Boston.	I.	Secretary of C. B. & Q. R. R.
WILLIAM JOSEPH KNOWLTON, 168 Tremont St., Boston, Mass.	VII.	Dealer in Precious Stones.
WILLIAM HENRY HARRISON NEWMAN, 543 Boylston St., Boston, Mass.	VII.	
JAMES LEONARD PERRY, 79 W. 47th St., New York, N. Y.	I.	Physician.
CHARLES MARCUS RHODES, 39 Cedar St., Taunton, Mass.	I.	Manufacturer.
EDWARD RANDOLPH TAYLOR, Cleveland, O.	VII.	Manufacturing Chemist.
*CLARENCE BISHOP YOUNG, *1884.	VII.	

1869.

Name and Address.	Department.	Occupation.
FRANK ERNEST BRACKETT, Cumberland, Allegheny Co., Md.	I.	Superintendent of Maryland Coal Co.
JOSEPH HARTWELL BRIDGE,	I.	
WILLIAM MORRIS DAVIS, 1 Bond St., Cambridge, Mass.	I.	Professor of Physical Geography, Harvard Univ.
HENRY GANNETT, Washington, D. C.	I.	Geographer, U. S. Geol. Survey.
HORACE BINNEY SARGENT, Jr. 3 Spruce St., Boston, Mass.	I.	Lawyer.

1870.

*BRYANT GODWIN, *1894.	I.	
WALLACE GOULD LEVISON, 1435 Pacific St., Brooklyn, N. Y.	VII.	Lecturer.
*ARCHIBALD ROBERTSON MARVINE, *1876.	I.	U. S. Geol. Survey.
GEORGE STAPLES RICE, 256 Broadway, New York, N. Y.	I.	Civil Engineer, Rapid Transit Commission, New York,
SAMUEL PHILIP SADTLER, 1042 Drexel Building, Philadelphia, Pa.	VII.	Consulting Chemist.
JOHN HOLLADAY TALBUTT, Lexington, Ky.	VII.	Mining Expert.
*WALTER CARY TUCKERMAN,	VII.	
CHARLES HALLETT WING, Boston, Mass.	VII.	Professor of Chemistry, Mass. Inst. Tech.

1871.

THOMAS MAREAN CHATARD, Washington, D. C.	VII.	Chemist, U. S. Geol. Survey.
RICHARD HENRY LEE, 228 S. 7th St., Philadelphia, Pa.	VII.	Mining Expert.
CHARLES EDWARD MUNROE, Newport, R. I.	VII.	Chemist, Torpedo Station.

1872.

WALTER FAXON, Arlington, Mass.	XII.	Assistant in Zoölogy, Museum of Comparative Zoölogy, Harvard Univ.
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1873.

Name and Address.	Department.	Occupation.
JOHN WILLS CLOUD, 4747 Woodlawn Ave., Chicago, Ill.	I.	Mechanical Engineer.
WILLIAM ELLERY CHANNING EUSTIS, 55 Kilby St., Boston, Mass.	I.	Metallurgical and Mining Engineer.
GEORGE BARNARD GRANT, Lexington, Mass.	I.	Mechanical Engineer.
CHARLES WILLARD KETTELL, 8 Brewster St., Cambridge, Mass.	I.	Mechanical Engineer.
STORY BUTLER LADD, Washington, D. C.	I.	Civil Engineer.
SIMON JONES MURPHY, Green Bay, Wis.	I.	Civil Engineer.
ALMON ALONZO PLATTS, Winchester, Mass.	I.	Civil Engineer.
WILLIAM DODGE SCOTT, Cambridge, Mass.	XII.	Assistant Ornithologist, Harvard Univ. Museum.
ISAAC SHARPLESS, Haverford, Pa.	I.	President of Haverford Coll.
ERNEST SZEMELENYI, 1226 Mass. Ave., Washington, D. C.	I.	State Department.
HARVEY WASHINGTON WILEY, Washington, D. C.	VII.	Chief Chemist, Bureau of Agriculture.

1874.

WARREN DELANO, Jr., 110 Harrison St., E. Orange, N. J.	I.	Coal Operator.
ROBERT BOWNE WARDER, Washington, D. C.	VII.	Professor of Physics and Chemistry, Howard Univ.
ANTONIO MODESTO YZNAGA, Sancti Spiritus, Cuba.	I.	Planter.

1875.

FRANCIS WINTHROP DEAN, 53 State St., Boston, Mass.	I.	Mechanical Engineer.
AUSTIN PORTER NICHOLS, Haverhill, Mass.	VII.	Editor, Popular Science News, Haverhill, Mass.
STEPHEN MINOT PITMAN, P. O. Box 315, Providence, R. I.	I.	Secretary, Narragansett Fire Insurance Co.
WILLIAM FRENCH SMITH, Boston, Mass.	VII.	Chemist.
FERNANDO ALPHONSO YZNAGA, 10 Wall St., New York, N. Y.	I.	Banker.

1876.

Name and Address.	Department.	Occupation.
COLLINSON PIERREPONT EDWARDS BURGWYN, 819 Main St., Richmond, Va.	I.	President of Petersburg Iron Co.
LORA DANIEL DENNETT,	XII.	
CHARLES FREDERIC MABERY, 57 Adelbert St., Cleveland, O.	VII.	Professor of Chemistry, Case School of Applied Science.
GEORGE EDWARDS TEBBETS, 474 Washington St., Boston, Mass.	VII.	Salesman.
SETH PERKINS, 1 Beacon St., Boston, Mass.	I.	Civil Engineer and Contractor.
EDWARD DAVIS THAYER, Jr., Worcester, Mass.	I.	Manufacturer.

1877.

WILLIAM HAYWARD BELL,	I.	
GORHAM PALFREY FAUCON, Lincoln, Neb.	I.	B. & M. R. R. R.
HOWARD HINCKLEY,	I.	
WILLIAM CHANDLER HODGKINS, Washington, D. C.	I.	U. S. Coast and Geod. Survey.
MONTGOMERY JAMES, Congo State.	I.	Civil Engineer.
JAMES HENNER JENNINGS, Care H. Eckstein, P. O. Box 149, Johannesburg, So. African Republic.	I.	Mining Engineer.
JOSEPH PERKINS LIVERMORE, 3 Berkeley St., Cambridge, Mass.	I.	Mechanical Expert.
JAMES DUANE LOWELL, Schenectady, N. Y.	I.	
WILLIAM STAPLES MARSTON, 1021 Calvert St., Baltimore, Md.	I.	Principal, University School.
JOHN FLEMING WHITE, Buffalo, N. Y.	VII.	
WILLIAM FREDERICK WOLF,	I.	

1878.

EDWARD HAMILTON SQUIBB, 148 Columbia Heights, Brooklyn, N. Y.	XII.	Physician.
JAMES HERVEY STEBBINS, Jr., 114 Pearl St., New York, N. Y.	VII.	Analytical and Consulting Chemist.

Name and Address.	Department.	Occupation.
JOSEPH MARTIN WILSON,	VII.	
WILLIAM POWELL WILSON, City Hall, Philadelphia, Pa.	XII.	Director of Philadelphia Commercial Museum.
LEMUEL FOX WOODWARD, 53 Pearl St., Worcester, Mass.	XII.	Physician.
1879.		
CHARLES HENRY BURR,	XII.	Physician.
JOSEPH SILAS DILLER, Washington, D. C.	VIII.	Petrographer, U. S. Geol. Survey.
1880.		
JOSEPH GORE CUTLER, Walla Walla, Wash.	I.	Chief Engineer, Washington & Columbia River R. R.
LEANDER ALLEN PLUMMER, New Bedford, Mass.	I.	Artist.
1881.		
HOWARD ELLIOTT, St. Louis, Mo.	I.	General Freight Agent of K. C., St. J. & C. B. and C., B. & K. C. R. R. Co's.
ROBERT SWIFT, 813 South St., Roslindale, Mass.	XII.	Physician.
1882.		
CHARLES FOSTER BATCHELDER, Kirkland St., Cambridge, Mass.	I.	Ornithologist.
FRANCIS WHITTEMORE CRAGIN, Colorado Springs, Colo.	XII.	Texas Geological Survey; Professor of Geology, Colorado Coll.
1883.		
HOWARD AYERS, Columbia, Mo.	XII.	Professor of Biology, Univ. of Missouri.
WILLIAM BARNES, Iowa.	XII.	Physician.
GEORGE CARY, Buffalo, N. Y.		Architect.
CHARLES HUNT METCALF, 2 Hancock St., Worcester, Mass.		
WILLIAM PATTEN, Hanover, N. H.	XII.	Professor of Biology and Zoölogy, Dartmouth Coll.
ALBERT HENRY TUTTLE, 897 Mass. Ave., Cambridgeport, Mass.	XII.	Physician.

1884.

Name and Address.	Department.	Occupation.
WILLIAM FERRIS BOOTH, Poughkeepsie, N. Y.	I.	Brewer.
ROBERT TRACY JACKSON, 33 Gloucester St., Boston, Mass.	XII.	Instructor in Palaeontology, Harvard Univ.

1885.

WALTER ATHERTON, Exeter Chambers, Boston, Mass.	I.	Architect.
SIDNEY JOHNSTON JENNINGS, De Beers Consolidated Mines, Lim'd, Kimberly, So. Africa.	I.	Mining Engineer.
HENRY LLOYD SMYTH, Cambridge, Mass.	I.	Asst. Professor of Mining Engineering, Harvard Univ.
BENJAMIN BOWDITCH THAYER, Granite, Mont.	I.	Mining Engineer.

1886.

JAMES ELLIS HUMPHREY, Baltimore, Md.	XII.	Johns Hopkins Univ.
GEORGE WILLIAM LEIGHTON, 1103 Home Institute, Chicago, Ill.	VII.	Lawyer.

1887.

ROBERT PAYNE BIGELOW, Boston, Mass.	XII.	Librarian, and Instructor in Biology, Mass. Inst. Tech.
WILLIAM WOODWORTH BRUNER, San Francisco, Cal.	I.	Government Engineer, Sandwich Islands.
GEORGE HOWARD PARKER, 6 Avon Place, No. Cambridge, Mass.	XII.	Instructor in Zoölogy, Harvard Univ.
FRANK HAROLD SELLERS, 3420 Michigan Ave., Chicago, Ill.	XII.	Trust Officer, Title Guarantee and Trust Co.

1888.

BENJAMIN CARPENTER, 208 S. Water St., Chicago, Ill.	I.	Merchant.
CHANDLER DAVIS, Care Gherardi Davis, 44 Pine St., New York, N. Y.	I.	Engineer, Dock Dept., City of New York.
AUGUSTUS STORY HASKELL, Room 29, Ainsworth Block, Portland, Ore.	I.	Civil Engineer.

Name and Address.	Department.	Occupation.
LEWIS JEROME JOHNSON, 100 Avon Hill St., Cambridge, Mass.	I.	Instructor in Engineering, Harvard Univ.
JAMES McCORMICK, Washington, D. C.	I.	U. S. Geol. Survey.

1889.

CHARLES PETER SINNOTT, Oshkosh, Wis.	XII.	Instructor, State Normal School.
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1890.

FRANK LEWIS FALES, 3 Mt. Vernon St., Boston.	I.	Assistant in Engineering Department, Metropolitan Water Board.
LEO EDWIN FRANK, 27 Pine St., New York, N. Y.	I.	Engineer, W. Penn. R. R.
PERRY LAWTON, Providence, R. I.	I.	Engineer, N. Y., N. H. & H. R. R. Co.
WISNER BELL MARTIN, 126 E. 34th St., New York, N. Y.	I.	Engineer, Penn. R. R. Co.
WINFIELD SCOTT NICKERSON, Evanston, Ill.	XII.	Instructor in Biology, Northwestern Univ.
GEORGE JAMES PEIRCE, Bloomington, Ind.	XII.	Instructor in Botany, Univ. of Indiana.

1891.

FRANK IRWIN, 123 Willow St., Brooklyn, N. Y.	I.	Instructor in Mathematics, Harvard University.
JOSIAH BEARD MOORE, 22 Lyman St., Waltham, Mass.	I.	Civil Engineer.
HERBERT MAULE RICHARDS, W. H. 52, Cambridge, Mass.	IX.	Assistant in Botany, Harvard Univ.
RALPH STOCKMAN TARR, Ithaca, N. Y.	VIII.	Professor of Geology, Cornell Univ.

1892.

CHARLES EDWARD BURNAP, Hosmer Hall, Hartford, Conn.	IX.	Hartford School of Sociology.
ARTHUR TENNY HOLBROOK, Chicago, Ill.	IX.	House Surgeon, Presbyterian Hospital; Instructor, Rush Medical Coll.
THOMAS GEORGE LEE, Minneapolis, Minn.		Professor of Histology, Univ. of Minnesota.

name and Address.	Department.	Occupation.
FREDERIC COLBY LUCAS, 5487 Monroe Ave, Chicago, Ill.	IX.	Teacher of Biology, Hyde Park High School, Chicago.
FREDERICK ARTHUR OLSSON, Harvard Square, Cambridge, Mass.	I.	Civil Engineer.
ARTHUR LOW PILLSBURY, Urbana, Ill.	I.	Instructor, Urbana Coll.
PERRY ELIAS TAYLOR, Care Taylor & de Noyelles, Schoharie, N. Y.	VII.	Manufacturer.

1893.

SHALER BERRY, Newport, Ky.	VIII.	Lawyer.
WILLIAM MILLER BOOTH, Clayville, N. Y.	VII.	Teacher.
AUSTIN BRADSTREET FLETCHER, 15 Court Sq., Boston, Mass.	I.	Clerk, Mass. Highway Commission.
JOHN ASHLEY HIGHLANDS, Box 625, Fall River, Mass.	I.	With Bell Telephone Company.
JAMES FRANCIS JONES,	XV.	Physician.
ROBERT EVERETT KLINE, 25 N. Main St., Dayton, O.	I.	County Surveyor.
JOSEPH VOLNEY LEWIS, Chapel Hill, N. C.	VIII.	Asst. Geologist, N. C. Geological Survey.
JAMES ANDREW MERRILL, Warrensburg, Mo.	VIII.	Instructor in Zoölogy and Geology, State Normal School.
WILLIAM CHARLES MOORE, Salem, Mass.	XIII.	Teacher of Science, Normal School, Salem, Mass.

1894.

ALFRED HULSE BROOKS, Newburgh, N. Y.	VIII.	U. S. Geol. Survey,
EVERETT PASCOE CAREY, 1051 Main St., Menominee, Mich.	XIII.	Supervisor of Science in Meno- minee Schools.
ARTHUR JAMES COLLIER, Eugene, Ore.	XIII.	Instructor, State College.
EDWARD DANA DENSMORE, 44 Porter St., Somerville, Mass.	II.	Medical School, Harvard Univ.
ARTHUR NEWALL JOHNSON, 27 Divinity Hall, Cambridge, Mass.	I.	Assistant, Harvard Univ.
SYLVESTER DWIGHT JUDD, Washington, D. C.	IX.	Ornithologist, U. S. Department of Agriculture, Div. of Orni- thology.

Name and Address.	Department.	Occupation.
HAROLD GREGORY MEADOWS, White Building, Buffalo, N. Y.	II.	Electrical Engineer.
FRED CHARLES MOULTON, Experiment Station, Orono, Me.	VII.	Analyst.
HENRY LEVI NEWMAN, Lancaster, N. Y.	VIII.	With Union Car Co.
ARTHUR LINCOLN REAGH, Maple St., W. Roxbury, Mass.	IX.	Medical School, Harvard Univ.
HENRY ISAAC RICHMOND, 30 Divinity Hall, Cambridge, Mass.	VIII.	Graduate School, Harvard Univ.
PHILIP LEFFINGWELL SPALDING, Bell Telephone Co., Philadelphia, Pa.	II.	Electrical Engineer.
GEORGE LEWIS SWENDSEN, Logan, Utah.	I.	County Surveyor and Instructor in Mathematics in B. Y. College.
IRVING NILES TILDEN, 61 Cottage St., New Bedford, Mass.	XIII.	Medical School, Harvard Univ.
ANDREW HENDERSON WHITRIDGE, 245 German St., Baltimore, Md.	VII.	Chemist.
JOHN ANDREAS WIDTSOE, Logan, Utah.	VII.	Professor of Chemistry, Agricul- tural College.
CHARLES CRAWFORD WILSON, 305 Vorick St. Jersey City, N. J.	VII.	Instructor in Science, High School.
JAY BACKUS WOODWORTH, 7 Rutland St., Cambridge, Mass.	VIII.	Instructor, Harvard Univ.
ROY DEMAS YOUNG, 127 W. 64th St., New York.	VII.	Chemist, Galpin's Analytic Lab- oratory.

1895.

ALVIN WARREN BANCROFT, Gardner, Mass.	II.	Teacher.
WILLIAM EDWIN CLARK, City Building, Brattle Sq., Cam- bridge, Mass.	II.	Electrical Engineer.
PHILLIP WHITNEY DAVIS, 110 Irving St., Cambridge, Mass.	II.	With General Electric Co.
ARTHUR ADRIAN DODD, Warrensburg, Mo.	XIII.	Teacher.
ARTHUR DURWARD, Cambridge, Mass.	II.	Instructor in Physics, Harvard Univ.
NORMAN SALISBURY EASTON, 50 High St., Fall River, Mass.	VIII.	Teacher.
JUSTUS WATSON FOLSOM, 26 Trowbridge St., Cambridge, Mass.	IX.	Teacher of Biology.

Name and Address.	Department.	Occupation.
GEORGE STUART HENRY, Mining Exchange Bldg., Denver, Colo.	I.	With Henry Investment Co.
HENRY ADAMS HOWE, 40 Highland Ave., Cambridgeport, Mass.	I.	Civil Engineer.
HENRY HAWLEY KEELER, Ridgefield, Conn.	VIII.	Teacher.
GILBERT FALCONER KENNEDY, Kingston, N. Y.	XIII.	Student of Law.
FREDERIC MCKENDRIE LOWE, Lathrop, Mo.	XIII.	Teacher.
JAMES MEDBERY MACKAYE, Care of M. J. Curtin, Grapevine Springs, Congress, Ariz.	XIII.	Mining.
CHARLES WILSON MILLS, Mt. Palestine, Ill.	II.	Teacher.
JAMES HARVEY MOORE, Syracuse, N. Y.	VII.	Chemist, Solway Process Co.
CHAUNCY RUSCH PERRY, 70 Kilby St., Boston, Mass.	I.	With Boston Bridgeworks Co.
FREDERIC SANFORD PRATT, 4 Post Office Sq., Boston, Mass.	II.	With Stone & Webster, Electrical Experts.
WILFRED HORACE PRICE, Bethlehem, N. H.	XIII.	Principal, High School.
GEORGE BURR RICHARDSON, Cumberland Mills, Maine.	XIII.	Chemist, S. D. Warren & Co.
LEONARD BENJAMIN SHOENFELD, 3311 Walnut St., Philadelphia.	XIII.	School of Industrial Arts.
CABOT STEVENS, Schenectady, N. Y.	II.	With General Electric Co.
CALEB TANNER, Provo City, Utah.	VIII.	Mining Engineer.
MARTIN BUEL TINKER, Mass. Genl. Hospital, Boston, Mass.	XIII.	Physician.
DAVIS FRANCIS TURNBULL, 12 Broadway, New York, N. Y.	XIII.	Student.
JOHN FAIRFIELD VAUGHAN, 8 Garden St., Cambridge, Mass.	II.	Electrical Engineer, with Old Colony R. R.

ALPHABETICAL LIST OF GRADUATES.

Abbott, Job	1864	Carpenter, Benjamin	1888
Adams, Aquila	1858	Chatard, Thomas Marean	1871
Adams, Julius	1865	Chauvenet, Regis	1867
Agassiz, Alexander	1857	Cheever, Joseph Charles Felt	1856
Alden, George Ira	1868	Choate, Calvin	1859
Allen, John Mitchell	1864	Clark, Henry James	1854
Arnold, Louis	1858	Clark, Thomas Edwards	1854
Atherton, Walter	1885	Clark, William Edwin	1895
Atkins, Francis Higginson	1861	Clarke, Frank Wigglesworth	1867
Atkinson, Charles Follen	1865	Cleveland, William Charles	1862
Ayers, Howard	1883	Cloud, John Wills	1873
Babbitt, Charles Winthrop	1858	Cole, Charles Briggs	1867
Balch, David Moore	1859	Collier, Arthur James	1894
Bancroft, Alvin Warren	1895	Constable, Casimir	1865
Bardwell, Frederick William	1856	Conwell, Charles Henry	1865
Barnes, William	1883	Cooke, Hubbard	1862
Bate, James Augustus	1854	Coolidge, Walter Greggs	1863
Batchelder, Charles Foster	1882	Crafts, James Mason	1858
Beal, William James	1865	Cragin, Francis Whittemore	1882
Bell, William Hayward	1877	Curtis, Joseph Bridgman	1856
Berry, Shaler	1893	Cutler, Joseph Gore	1880
Bigelow, Charles	1865	Davies, James Ingraham	1856
Bigelow, Robert Payne	1887	Davis, Andrew McFarland	1854
Booth, William Ferris	1884	Davis, Chandler	1888
Booth, William Miller	1893	Davis, George Gilbert	1865
Borden, Henry Francis	1865	Davis, Phillip Whitney	1895
Brackett, Frank Ernest	1869	Davis, William Morris	1869
Brewer, Otis Marsh	1857	Dean, Francis Winthrop	1875
Brewer, William Augustus, Jr.	1854	Delano, Warren, Jr.	1874
Bridge, Joseph Hartwell	1869	Delgado, José Eulogio	1858
Brooks, George	1861	Dennett, Lora Daniel	1876
Brooks, Alfred Hulse	1894	Denny, Francis Parkman	1859
Bruner, William Woodworth	1887	Densmore, Edward Dana	1894
Buchanan, Roberdeau	1861	Diller, Joseph Silas	1879
Burgwyn, Collison P. Edwards	1876	Dodd, Arthur Adrian	1895
Burnap, Charles Edward	1892	Dornbach, Levi Mohler	1857
Burr, Charles Henry	1879	Dove, George William Webster	1857
Caldwell, George Chapman	1855	DuBois, Pierre Cheeseman	1865
Carey, Everett Pascoe	1894	Dunklee, John Butler	1866
Carrett, José Francisco	1856	Durward, Arthur	1895
Cary, George	1883	Easton, Norman Salisbury	1895
Chapman, Charles Augustus	1856	Eastwood, George	1859

Eaton, Daniel Cady	1860	Hoyt, Charles Arthur	1864
Elliott, Howard	1881	Hudson, Charles Henry	1854
Eustis, William Ellery Channing	1873	Humphrey, James Ellis	1886
Evans, Francisco Weld	1858	Hyatt, Alpheus	1862
Fales, Frank Lewis	1890	Irwin, Frank	1891
Faucon, Gorham Palfrey	1877	Jackson, Robert Tracy	1884
Faxon, Charles Edward	1867	James, Montgomery	1877
Faxon, Walter	1872	Jeness, John Scribner	1858
Fessenden, John Bumstead	1857	Jennings, James Hennen	1877
Fisher, John Herbert	1863	Jennings, Sidney Johnson	1885
Flagg, Josiah Foster	1854	Johnson, Lewis Jerome	1888
Fletcher, Austin Bradstreet	1893	Johnson, Arthur Newhall	1894
Folsom, Justus Watson	1895	Johnson, Herbert Eager	1860
Ford, Edwin Augustus	1857	Jones, James Francis	1893
Force, Edward Leggett	1855	Jones, Richmond	1853
Force, Henry Clay	1855	Jones, William Louis	1851
Frank, Leo Edwin	1890	Judd, Sylvester Dwight	1894
Franklin, Walter Simonds	1857	Keeler, Henry Hawley	1895
Galera, Primitivo Casares y	1861	Kennedy, Gilbert Falconer	1895
Gannett, Henry	1869	Kettell, Charles Willard	1873
Godwin, Bryant	1870	Kline, Robert Everett	1893
Gordon, Clarence	1855	Knowlton, William Joseph	1868
Gordon, Charles	1867	Ladd, Story Butler	1873
Gould, Albert	1859	Lamson, Charles Dudley	1865
Gould, Joseph Dudley	1859	Langley, John Williams	1861
Gourdin, John Gaillard	1855	Lawton, Perry	1890
Grant, George Barnard	1873	Le Conte, Joseph	1851
Green, John	1856	Lee, Richard Henry	1871
Hagar, Isaac Augustus	1855	Lee, Thomas George	1892
Harrison, Edwin	1856	Leighton, George William	1886
Haskell, Augustus Story	1888	Leighton, William	1855
Hay, Gustavus	1853	Levison, Wallace Gould	1870
Henry, George Stuart	1895	Lewis, Joseph Volney	1893
Herschel, Clemens	1860	Lilly, Channing	1867
Heywood, John Green	1864	Livermore, Charles Frederick	1856
Hunnewell, John Welles	1863	Livermore, Joseph Perkins	1877
Highlands, John Ashley	1893	Longfellow, Ernest Wadsworth	1865
Hildreth, Edwin Alonzo	1864	Longfellow, William P. Preble	1859
Hildreth, Stanley Barbour	1867	Lowe, Frederic McKendrie	1895
Hill, Arthur Gaylord	1864	Lowell, James Duane	1877
Hill, Walter Nickerson	1865	Lucas, Frederick Colby	1892
Hinkley, Howard	1877	Lyman, Theodore	1858
Hines, George Arnold	1862	McCormick, James	1888
Hodgkins, William Chandler	1877	Mabery, Charles Frederic	1876
Holbrook, Arthur Tenny	1892	Mackaye, James Medberry	1895
Holland, Henry Ware	1865	Mann, Horace	1867
Holyoke, Francis	1852	Mansfield, Nathaniel	1854
Homans, Isaac Smith	1853	Mariner, George Albert	1855
Homer, Charles Savage	1855	Marsh, Ebenezer	1854
Howe, Henry Adams	1895	Marsh, George Everett	1862
Howland, Thomas Smith	1868	Marston, William Staples	1877

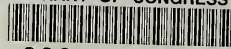
Martin, Abel Camp	1856	Reagh, Arthur Lincoln	1894
Martin, Wisner Bell	1890	Redman, Wallace St. Croix	1857
Marvine, Archibald Robertson	1870	Rhodes, Charles Marcus	1868
Meadows, Harold Gregory	1894	Rice, George Staples	1870
Merrick, Charles Sewall	1861	Rice, John Minot	1862
Merrick, John Mudge	1859	Richards, Herbert Maule	1891
Merrill, James Andrew	1893	Richardson, George Burr	1895
Metcalf, Charles Hunt	1883	Richardson, John Manley	1854
Mills, Charles Wilson	1895	Richmond, Henry Isaac	1894
Mills, James Ellison	1857	Robeson, Andrew	1862
Moore, James Harvey	1895	Robeson, Louis	1864
Moore, Joseph	1861	Robinson, John Moncure	1856
Moore, Joseph Beard	1891	Rothrock, Joseph Trimble	1864
Moore, Thomas Smith	1861	Runkle, John Daniel	1851
Moore, William Charles	1893	Sadtler, Samuel Philip	1870
Morris, John Albert	1857	Sargent, Horace Binney, Jr.	1869
Morse, Charles Fessenden	1858	Scott, William Dodge	1873
Moulton, Fred Charles	1894	Scudder, Samuel Hubbard	1862
Munroe, Charles Edward	1871	Sellers, Frank Harold	1887
Murphy, Simon Jones	1873	Shaler, Nathaniel Southgate	1862
Newberry, James Cosmo	1864	Sharples, Stephen Paschal	1866
Newcomb, Simon	1858	Sharpless, Isaac	1873
Newman, Henry Levi	1894	Shoenfeld, Leonard Benjamin	1895
Newman, William Henry Harrison	1868	Sinnott, Charles Peter	1889
Nichols, Austin Porter	1875	Smith, David	1858
Nichols, Williard Atherton	1865	Smith, Simeon Blood	1855
Nickerson, Winfield Scott	1890	Smith, William French	1875
Olsson, Frederick Arthur	1892	Smyth, Henry Lloyd	1885
Osborne, George Abbott	1860	Spaulding, Philip Leffingwell	1894
Osgood, Joseph Henry	1858	Sprague, Joseph White	1854
Parker, George Howard	1887	Squibb, Edward Hamilton	1878
Patten, William	1883	Stearns, John Goddard	1863
Peirce, Charles Sanders	1863	Stebbins, James Hervey	1878
Peirce, George James	1890	Stephens, Anson Parsons	1857
Peirson, Charles Lawrence	1853	Stevens, Cabot	1895
Perkins, Seth	1876	Stimpson, Frederick Eaton	1857
Perkins, Stephen George	1861	Storer, Francis Humphreys	1855
Perry, Chauncy Rusch	1895	Sumner, Allen Melancthon	1865
Perry, James Leonard	1868	Swaim, Samuel Noble	1857
Pickering, Edward Charles	1865	Swan, Charles Herbert	1861
Pillsbury, Arthur Low	1892	Swendsen, George Lewis	1894
Pitman, Stephen Minot	1875	Swift, Robert	1881
Platts, Almon Alonzo	1873	Szemelenyi, Ernest	1873
Plummer, Leander Allen	1880	Talbutt, John Holladay	1870
Powers, Charles Edwards	1856	Tanner, Caleb	1895
Pratt, Frederic Sanford	1895	Tarr, Ralph Stockman	1891
Preston, Frank Whipple	1858	Taylor, Edward Randolph	1868
Price, Wilfred Horace	1895	Taylor, Perry Elias	1892
Quincy, Edmund	1856	Tebbetts, George Edward	1876
Rand, John Brainard G	1855	Thayer, Edward Davis, Jr.	1876
Rawson, Warren	1861	Thayer, Benjamin Bowditch	1885

Tilden, Irving Niles	1894	Wells, David Ames	1851
Tinker, Martin Buel	1895	Wheeler, Charles Gilbert	1858
Towle, Hamilton Ela	1855	White, James Fleming	1877
Trowbridge, John	1865	White, William Howard	1865
Tuckerman, Walter Cary	1870	Whitridge, Andrew Henderson	1894
Turnbull, Davis Francis	1895	Widtsoe, John Andreas	1894
Tuttle, Albert Henry	1883	Wilder, Burt Green	1862
Tuttle, David Kichell	1855	Wiley, Harvey Washington	1873
Tyndale, Sharon	1854	Williams, Charles Jarvis	1867
Vaughan, John Fairfield	1895	Wilson, Charles Crawford	1894
Veazie, Joseph	1857	Wilson, Joseph Martin	1878
Verrill, Addison Emory	1862	Wilson, William Powell	1878
Wait, Robert Pote	1863	Wing, Charles Callett	1870
Warder, Robert Bowne	1874	Wolf, William Frederick	1877
Ware, William Robert	1856	Woodward, Lemuel Fox	1878
Warren, Cyrus Mores	1855	Woodworth, Jay Backus	1894
Waterman, Harrison Lyman	1864	Young, Clarence Bishop	1868
Watkins, James Thomas	1856	Young, Roy Demas	1894
Watson, William	1857	Yznaga, Antonio Modesto	1874
Wellman, William Lee	1859	Yznaga, Fernando Alphonzo	1875

STUDENTS REGISTERED IN THE LAWRENCE SCIENTIFIC SCHOOL
SINCE 1847.

Year.	No.	Year.	No.	Year.	No.	Year.	No.
1847	5	1859	62	1871	27	1883	26
1848	12	1860	61	1872	40	1884	28
1849	23	1861	57	1873	42	1885	22
1850	62	1862	56	1874	29	1886	14
1851	69	1863	76	1875	34	1887	21
1852	48	1864	75	1876	29	1888	35
1853	54	1865	79	1877	22	1889	65
1854	64	1866	58	1878	17	1890	88
1855	56	1867	49	1879	16	1891	118
1856	52	1868	41	1880	37	1892	181
1857	67	1869	43	1881	30	1893	280
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